

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant(s): Katsuhira YOSHIDA et al. | Atty. Dkt.: VX062747 PCT |
| Serial No.: Unassigned | Group Art Unit: |
| Filed: Concurrently herewith | Examiner: |
| Title: HETEROPOLYCYCLIC COMPOUND AND DYE | |

Commissioner for Patents
Alexandria, VA 22314

Date: August 8, 2006

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56 applicant hereby notifies the United States Patent and Trademark Office of the documents which are listed on the attached PTO-1449 form and which the Examiner may deem relevant to the patentability of the claims in the above-identified application. One copy of the listed foreign language documents is submitted herewith.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of an Office Action on the merits (whichever is later), and therefore no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for the listed foreign language documents, applicant encloses herewith a copy of a corresponding foreign search report citing each of these documents, together with an English-version of that portion of the search report indicating the degree of relevance (if not already included) found by the foreign office.

It is respectfully requested that the examiner initial or otherwise mark one copy of forms PTO-1449 and forward the same to the applicants indicating that the documents listed thereon have been considered.


10/588697

AP20 Rec'd PCT/PTO 08 AUG 2006

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

In the event that this paper is not timely filed, applicant hereby petitions for an appropriate extension of time. The Commissioner is hereby authorized to charge the fee therefor, as well as any deficiency in the payment of the required fee(s) or credit any overpayment, to our deposit account No. 50-1147.

Respectfully submitted,
POSZ LAW GROUP, PLC


R. Eugene Varndell, Jr.
Attorney for Applicants
Registration No. 29,728

Atty. Docket No. VX062747 PCT
Posz Law Group, PLC
12040 South Lakes Drive
Suite 101
Reston, VA 20191
(703) 707-9110
Customer No. 23400

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| | APPLICANT | Katsuhira YOSHIDA et al. | | |
| | FILING DATE | August 8, 2006 | GROUP | |

10/588697

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
|------------------|--|-----------------|------|------|-------|-----------|
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FOREIGN PATENT DOCUMENTS

TRANSLATION

| | | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS | YES | NO | |
|--|--|-----------------|--------|---------|------|-------|-----------|-----|----|---------------|
| | | | | | | | | | | Eng. Abstract |
| | | WO 2004/072053 | 8/6/04 | JAPAN | | | | | | |
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* Full English text is available in machine-translated form in JPO (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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| | | Katsuhira Yoshida, Tetsunao Koujiri, Norio Oga, Miwa Ishiguro, Yuji Kubo, "The Effect of Metal Chelete Complexation on the Reactivity and Absorption Spectra of 1,2-Naphthoquinones: New Types Near-infrared-absorbing Metal Complex Dyes", <u>Journal of the Chemical Society</u> , Perkin Transactions 1: Organic and Bio-Organic Chemistry, 1990, No. 7, pages 1891 to 1895. [Abstract] |
| EXAMINER | | DATE CONSIDERED |